

Date: Thu, 19 Aug 93 21:41:09 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #993
To: Info-Hams

Info-Hams Digest Thu, 19 Aug 93 Volume 93 : Issue 993

Today's Topics:

 220 Mhz handheld wanted
A strange thing that happens when you are learning code (2 msgs)
 First HT advice sought...
 Help!...RF Everywhere!
 HELP WANTED: TH-78A, W21AT, or F-530 dual bander?
If I call FCC, cab they tell me what my new call is? (2 msgs)
I NEED HELP!!! I tried fixing a 02AT and made it worse!!! (3 msgs)
 Kenwood 78A Mods
 Mobile xmitters and Auto warranties
Motorola's Bravo Plus Paging Decoder with RS-232 serial port
 Radio Shack GMRS radios
 Report on the ATS-606
 Standard C558x, Differences
US Reciprocal Licsensing (was: Canada to US Amateur License)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 20 Aug 93 03:48:28 GMT
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!noc.near.net!lynx!
sehrlich@network.ucsd.edu
Subject: 220 Mhz handheld wanted
To: info-hams@ucsd.edu

I am looking into buying a 220 Mhz handheld sometime within probably
the next 6 months.

I was originally considering the Yaesu FT33R, but a friend of mine quickly shot down that idea when he told me it runs through batteries quickly and it gets hot quickly, too.

(I was considering the FT33R because I already own accessories for my FT411E 2m and FT470 Dual-bander (2m/70cm).

The handheld on my list is the ICOM IC-3SAT. Nice and small, and I think it has a built-in external DC power source connector.

What are comments on this handheld to other ones? I am mainly looking to spend as little as possible (still in college), and I want PL encode for those repeaters which utilize it. I also prefer compactness (which the 3SAT certainly qualifies for).

Comments please!

Thank you much.

Scott

--

```
=====
| Scott Ehrlich           Internet: acm_se@neu.edu           |
| Amateur Radio: wy1z      AX.25: wy1z@ka1tuz.#ema.ma.usa.na |
|-----|
```

Date: 19 Aug 93 18:42:34 GMT
From: ogicse!uwm.edu!cs.utexas.edu!gerald.cc.utexas.edu!portal.austin.ibm.com!
awdprime.austin.ibm.com!mcinnis@network.ucsd.edu
Subject: A strange thing that happens when you are learning code
To: info-hams@ucsd.edu

I can just see it now. Some ham will be saying, "But, your honor, my hard disk told me to murder my family..."

--

Mickey McInnis - mcinnis@austin.ibm.com (mcinnis@vnet.ibm.com outside IBM)

Hi! I'm a signature virus (mutant version).
Copy me to your .signature file to join in.

Date: Thu, 19 Aug 1993 12:38:10 GMT

From: overload.lbl.gov!agate!howland.reston.ans.net!xlink.net!math.fu-berlin.de!
uni-paderborn.de!urmel.informatik.rwth-aachen.de!rubb.rz.ruhr-uni-bochum.de!
news.uni-bielefeld.de!@dog.ee.lbl.gov
Subject: A strange thing that happens when you are learning code
To: info-hams@ucsd.edu

In article <24ud34\$e44@hpscit.sc.hp.com>, johnf@scd.hp.com (John Flowers) writes:
|> Did you know that Honda's say "H" over and over again when
|> a key is in the ignition and the door is open.

Yes, My alarm clock just says 'e e e e' in order to wake me up. If
that fails, it tells me 'i i i i', after another minute it just goes
's s s s', the last quarter of an hour it just gives me 'h h h h' till
I switch it off.

Bernd

```
--
      only      _   Real Life      Bernd Sieker, Universitaet Bielefeld
      Amiga__//   IRC              Pink
      \X/         HAM Radio         DG 6 YHI
      email      bsieker@techfak.uni-bielefeld.de
```

Minister, minister, care for your children, order them not
into damnation to eliminate those who would trespass against
you. (Fish, Forgotten Sons)

Date: 19 Aug 93 17:36:00 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!cs.utexas.edu!tamsun.tamu.edu!
zeus.tamu.edu!tskloss@network.ucsd.edu
Subject: First HT advice sought...
To: info-hams@ucsd.edu

Howdy, here's another newbie question:

I just passed by tech no-code, and want a 2 meter HT. Should I get a dual-band
(economy minded graduate student) or just a single. I guess the real question
is 'is there and practical advantage for two bands when i start or no'?

I'm looking towards an alinco fj-180 2m or a fj-580 dual band. (new)

I know of a used icom IC-u2AT with batt and quickcharger for \$150. Good
deal???

I would like an s-meter for hunts and one that is rugged for lots of
outdoor use.

Thanks for your advice!!!

-tim skloss (no callsign yet)

```
/-----\
|* *( * ( ** ) ( * * ) * * ) * |               Tim Skloss
|* *  \ /  \ /  *  * | Texas A&M University, Dept. of Chemistry
|*  /===== \  * | College Station, TX 77843-3255
|*  | OXFORD  |  * | LABORATORY FOR MAGNETIC RESONANCE AND
|*  | mags.   |  * | MOLECULAR SCIENCE
|*  | RULE!   |  * | voice: (409) 845-4459
|*  |_____|  * | fax: (409) 845-4719
|*  ||      ||  * | Internet: TSKLOSS@venus.tamu.edu
|*  ==      ==  * | My opinions do not reflect those of TAMU
|-----|
```

Date: 19 Aug 93 19:33:26 GMT
From: ogicse!hp-cv!hp-pcd!hpspkla!depaul@network.ucsd.edu
Subject: Help!...RF Everywhere!
To: info-hams@ucsd.edu

THANK YOU TO EVERYONE WHO HAS WRITTEN ME ON MY RF PROBLEM.
(It appears that I need to spend more of my energies on differring
grounding schemes.)

Thank you,

Marc DePaul

Date: 19 Aug 93 22:43:11 GMT
From: almserv!usenet@uunet.uu.net
Subject: HELP WANTED: TH-78A, W21AT, or F-530 dual bander?
To: info-hams@ucsd.edu

Dear netter,

I am new to the radio world and plan to buy a hand held dual bander. My
questions are:

1) For hand held radio, is the 144/440 dual band radio is the best way to
go? Currently, I have two 40-channel walkie-talkies. This type of radio
normally is huge (compare to dual band) and can not go very far.

2) How far does a hand held dual bander transmit without a repeater or extra configuration? A walkie-talkie goes less than a mile. If a car antenna is provided, it goes less than three miles.

3) Comparing Kenwood TH-78A, icom W21AT, and Yasue F-530 dual banders, which one is the best (in terms of range, function, newer technology, price/performance, expendability)? Or, will you suggest anything else (e.g. single band)?

4) Where can I get a cheap dual bander (144/440)? Is there a used ham market place?

Thanks in advance.

- Joseph

Date: Tue, 17 Aug 93 18:49:24 PST
From: unogate!news.service.uci.edu!usc!howland.reston.ans.net!spool.mu.edu!
news.clark.edu!netnews.nwnet.net!news.uoregon.edu!gaia.ucs.orst.edu!wsrcc.com!
wetware!indetech!pacbell!@mvp.saic.com
Subject: If I call FCC, can they tell me what my new call is?
To: info-hams@ucsd.edu

swamik@orca.ele.uri.edu (Swami Kumaresan) writes:

> I call FCC, can they tell me what my new call is?
> What the phone #?
>
>
> 73s

No they can't and you still could not transmit in the amateur bands if they could tell you your call. According to Part 97.5(a), "the person having physical control of the apparatus must hold an FCC-issued WRITTEN (emphasis mine) authorization for an amateur station." Additionally, "The license document or a photocopy thereof must be in the personal possession of the licensee at all times when the person is the control operator of a station." Part 97.9(b).

Please don't call the FCC. It only slows down the process since instead of processing applications, they must answer phones. Please help them upgrade their system by not slowing them down.

Jim Chandler, N0VAH
jwc@sactoh0.sac.ca.us
sactoh0!beagle!chandler

Date: 19 Aug 93 23:31:04 GMT
From: news.service.uci.edu!nntpsrv@network.ucsd.edu
Subject: If I call FCC, cab they tell me what my new call is?
To: info-hams@ucsd.edu

In article <250v8o\$17t@crcnis1.unl.edu> mcduffie@unl.edu (Gary McDuffie Sr) writes:
> willmore@iastate.edu (David Willmore) writes:
>
> >jchandler@beagle.UUCP (Jim Chandler) writes:
>
> >>No they can't and you still could not transmit in the amateur bands if

I took my test just over 10 weeks ago and is still waiting.
What is the latest date of test for which people has got his or her
call sign already, anybody knows?

Thanks.

Feng Liu
UC, Irvine

Date: Thu, 19 Aug 1993 04:23:26 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!
pv6f14.vincent.iastate.edu!jeffries@network.ucsd.edu
Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

I have just done something very stupid. My HT got some water in it, so I decided to open it up and let it dry out, and clean up any residue. This should have been a relatively simple task, except that I broke the connections to a very important part that was attached to the aluminum back of the HT. I believe this was the power amp. I tried to see if this was fixable, and have really screwed things up. Could someone please tell me which is the best place to send my HT to for repairs? Please -- no flames, I feel stupid enough as it is.

--

Anthony Glen Jeffries
Journalism and Mass Communication student
Iowa State University, Ames, Iowa
jeffries@iastate.edu

Date: 19 Aug 93 21:06:57 GMT
From: ogicse!hp-cv!sdd.hp.com!col.hp.com!fc.hp.com!perry@network.ucsd.edu
Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

Brian Battles WS10 (bbattles@arrl.org) wrote:
: In rec.radio.amateur.misc, jeffries@iastate.edu (Anthony G Jeffries) writes:
: >This should have been a relatively simple task,
: >except that I broke the connections to an important part that was attached
: >to the aluminum back of the HT. I believe this was the power amp.

The 02AT final is the big IC connected the back of the 02AT with one machine screw and a lot of thermal grease. All those little parts on the 02AT are pretty tough for my Weller soldering iron to reach - I'd send it to ICOM.

The other place that tends to break is the connection from the BNC center pin to the PC board. You might want to check that. I finally solved the problem with some wire between the BNC and PCB.

: PS Speaking of ICOM, if anyone is interested, my private, personal opinion
: is that the ICOM IC-2GAT is THE killer single-band 2-meter hand-held
: transceiver.

I have three friends that are flaming 2GAT bigots for many of the reasons Brian mentions. I don't own one, but the Human Interface is really nice. If you homebrew 6 1000AE cells into the BP4, you get something that fits in your hand but can transmit all day. One of the guys is on his second external plastic after dropping it off a moving bicycle. Tough radio.

73

Perry Scott
AA0ET

Date: 20 Aug 93 01:23:08 GMT

From: ogicse!emory!kd4nc!n4tii@network.ucsd.edu
Subject: I NEED HELP!!! I tried fixing a 02AT and made it worse!!!
To: info-hams@ucsd.edu

bat@gdstech.GRUMMAN.COM (Pat Masterson) writes:

> Last year I had my Icom HT fixed by Icom in Atlanta. They
> did a superb job, and fixed the radio the day after it arrived.
> Shipping was quick, I had it back 7 days after I mailed it!
> Try 206-454-7619.
> --

The Atlanta Icom Repair facility is closed.

And in reference to Brian's message...there never was an Alabama station...you were obviously confused.

John
n4tii%kd4nc.uucp@gatech.edu

>*-----*
>* Pat Masterson D12-25 | KE2LJ@KC2FD *
>* Grumman Data Systems | 516-346-6316. *
>* Bethpage, NY 11746 | bat@gdstech.grumman.com *

Date: 19 Aug 93 19:56:21 GMT
From: psinnntp!lehman.com!bdouglas@uunet.uu.net
Subject: Kenwood 78A Mods
To: info-hams@ucsd.edu

Looking for the modification which allows the Kenwood 78A to receive uhf out of band. I understand that there is a keypad mod for this mod. Can anyone help?

73's KB2ORT
Bruce

Date: 19 Aug 1993 00:40:07 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!sdd.hp.com!col.hp.com!
csn!news.sinet.slb.com!news.San-Jose.ate.slb.com!jones@network.ucsd.edu
Subject: Mobile xmitters and Auto warranties
To: info-hams@ucsd.edu

David Hough (dave@llondel.demon.co.uk) wrote:

: In article <1993Aug13.152843.19874@mixcom.mixcom.com> kevin.jessup
<kevin.jessup@mixcom.mixcom.com> writes:
: > Are such "exclusions" actually "in writing" in the warranties?
: > How can they have such poor resistance to RF?
: > What is the point of RF entry into the engine control unit? Is it
: > radiated RF or is it through the car's electrical system?
: >
: Depending on your local laws (the UK has the 'Sale of Goods Act' and a few
: others) a good approach is to explain to the salesman trying to sell you the
: car *exactly* what you want to do, and ask him if it is likely to damage the
: car (especially if you can hint that the competition is OK :-)). If he assures
: you that it is OK then under UK law you have some rights if it does go wrong
: because the seller obviously sold you something which was not fit for purpose.
: No idea if it would work in the US though.

: Dave

Although there are similar laws in the U.S., virtually every written warranty has a disclaimer about "no other warranties, expressed or implied" that will supercede anything the salesclown tells you (unless you can get it from him in writing).

73,
Clark

--

Disclaimer: The opinions expressed above are mine and not those of Schlumberger because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 Internet: jones@sj.ate.slb.com
Packet: N7RPQ@K7BUC.AZ.USA.NA RF: N7RPQ
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,
 AZ 85284-1825

Date: 18 Aug 1993 22:25:59 -0700
From: dog.ee.lbl.gov!overload.lbl.gov!agate!library.ucla.edu!news.mic.ucla.edu!
unixg.ubc.ca!cs.ubc.ca!nntp.cs.ubc.ca!vanbc.wimsey.com!vanbc.wimsey.com!not-for-
mail@network.ucsd.edu
Subject: Motorola's Bravo Plus Paging Decoder with RS-232 serial port
To: info-hams@ucsd.edu

Questions - Does this unit support the newer 1200 bps POCSAG? Is anyone
(like Motorola for example) using Golay Sequential Code (GSC) any more?
And it's CCIR Radio Paging Code Number One. And what a fight they
(the BPO and Philips / Pye) had with Motorola at the CCIR.....

Cheers / Mark Fraser

Date: 19 Aug 93 20:49:40 GMT
From: uplherc!wpsun4!mb@uunet.uu.net
Subject: Radio Shack GMRS radios
To: info-hams@ucsd.edu

hlb@li.loral.com (hlb) writes:

:
: If anyone is either using or familiar with the Radio Shack GMRS
: handie talkies that operate in the 400Mhz range...

What is GMRS?

--Michael Bendio, WT7J
mb@titan.wordperfect.com

Date: 19 Aug 93 09:19:26 CST
From: munnari.oz.au!metro!basser.cs.su.oz.au!news.adelaide.edu.au!
levels.unisa.edu.au!8919157y@uunet.uu.net
Subject: Report on the ATS-606
To: info-hams@ucsd.edu

Hello from down under,

I am posting for a friend of mine (Peter) who's a radio buff here in Australia.

He has a report on the ATS-808 which is a portable 45 memory shortwave receiver produced by SANGEAN. It is my understanding that this is considered a top of the range product in the shortwave community. His request is for a comparison of the ATS-808 with the new product (1993) from SANGEON the ATS-606; also a report on what ever you might know about the ATS-606. The ATS-606 is a physically smaller (ie. compact) receiver which retails for less than the ATS-808 in Australia. Why? Is this the same case where you are? The ATS-606 is also sold by Siemens as the RK-659, if that helps.

Also would anybody know the price of the ATS-606 unit in Singapore? Or maybe the price of the unit from your local retailer? Your assistance would be of great value to Peter. Below I have included the features for the ATS-606 found in our local 1993 Dick Smith catalogue.

The ATS-606 Features:
1). Automatic tuning system

ATS-606 Frequency Ranges:
1). FM 87.50 - 108 MHz

- | | |
|--|---------------------------|
| 2). 45 station memories | 2). LW 153 - 513 kHz |
| 3). Comprehensive LCD screen | 3). MW 522 - 1710 kHz |
| 4). Scan tuning & direct keypad tuning | 4). SW 1.715 - 29.995 MHz |
| 5). Dual alarm clocks | |
| 6). Dual time setting | |
| 7). Adjustable sleep timer | |
| 8). Soft carry case | |

Thanx

Mark

(19th August 1993)

```
+-----+
|>>>> Mark Dankiw :: [IN%"8919157y@lv.levels.unisa.edu.au"] :: VAX <<<<|
|>>>>>          :: [8919157y@lux.levels.unisa.edu.au]      :: UNIX <<<<<|
|>>>>>>>>> Electronics School ::: University of South Australia <<<<<<<<<|
|>>>>>>>> :: My opinions are my own and not of this University! :: <<<<<<<<|
+-----+
```

Date: Thu, 19 Aug 1993 12:30:48 GMT
 From: math.fu-berlin.de!uni-paderborn.de!urmel.informatik.rwth-aachen.de!
 rubb.rz.ruhr-uni-bochum.de!news.uni-bielefeld.de!techfak.uni-bielefeld.de!
 bsieker@uunet.uu.net
 Subject: Standard C558x, Differences
 To: info-hams@ucsd.edu

Hello,

I have read a few postings about the C558A HT of Standard, and was wondering what are the differences between the C558, C558A, C558S and C550.

I own a C558S and was told that this was the European version with software limited reception and hardware limited transmitting capabilities. I have modified the software so I think it now comes close to a full C558, esp. since it did say C558S only on the package. The transceiver itself does not show an 'S' on the label. The C550 seems to be another limited version, but I'm not sure. So what is the C558A?

hope someone can help me,
 Bernd
 dg6yhi

--

only	//	Real Life	Bernd Sieker, Universitaet Bielefeld
		IRC	Pink

Amiga__// HAM Radio DG 6 YHI
 \X/ email bsieker@techfak.uni-bielefeld.de

Minister, minister, care for your children, order them not
into damnation to eliminate those who would trespass against
you. (Fish, Forgotten Sons)

Date: Wed, 18 Aug 1993 19:13:58 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!sdd.hp.com!portal!
lhaven.UUmh.Ab.Ca!combdyn!lawrence@network.ucsd.edu
Subject: US Reciprocal Licsensing (was: Canada to US Amateur License
To: info-hams@ucsd.edu

In article <DRT.93Aug17102752@e40-008-5.mit.edu> drt@athena.mit.edu (David R
Tucker) writes:
>In article <KLXot*++x@lhaven.UUmh.Ab.Ca> dreamer@lhaven.UUmh.Ab.Ca (Lawrence "The
Dreamer" Chen) writes:

>
> The possibility of me moving to the US might be lurking in the future....
>
> I'm wondering what happens when I move to my Amateur Licence.
>
> What does each of the Canadian License classes become under the US Licensing
> system?
>
> Basic ->
> Basic+5WPM ->
> Basic+12WPM ->
> Advanced ->
> Advanced+5WPM ->
> Advanced+12WPM ->

>It doesn't quite work that way.

>
>Canadians get automatic reciprocity; other than that, all that follows
>applies to all reciprocal licensees in the US.

>
>In order to qualify for reciprocal operating privileges, you must:

- >
>1. Be a citizen of the country that issued your license (there must be
> a reciprocal agreement between your country and the U.S.)
>2. NOT be an American citizen
>3. NOT have an FCC amateur license
>4. Get a permit, except for Canadians

>
Well, that's not quite my situation.....the possibility is relocation

for work. It'll probably be somewhat permanent.....of course when they say permanent work, it usually isn't *permanent* 8-)

And, how does dual citizenship fit in here?

```
>
>--
>-----
>|David R. Tucker      KG2S      drt@athena.mit.edu|
>-----
>|'Most political sermons teach the congregation nothing except      |
>|what newspapers are taken at the Rectory.' -C.S. Lewis              |
>-----
```

```
--
--EMAIL-----PHONE-----FAX-----
| WORK: lawrence@combdyn.com      | (403)529-2162 | (403)529-2516 | CallSign
| HOME: dreamer@lhaven.uumh.ab.ca | (403)526-6019 | (403)529-5102 | VE6LKC
-----
disclamer = (working_for && !representing) + (Combustion Dynamics Ltd.);
```

```
-----
Date: 19 Aug 93 19:29:52 GMT
From: drt@athena.mit.edu
To: info-hams@ucsd.edu
```

References <21ig9B1w165w@beagle.UUCP>,
<willmore.745770473@metropolis.gis.iastate.edu>, <m77accINN7rb@news.bbn.com>
Subject : Re: If I call FCC, cab they tell me what my new call is?

In article <m77accINN7rb@news.bbn.com>, levin@bbn.com (Joel B Levin) writes:
|> willmore@iastate.edu (David Willmore) writes:
|> |N0[WXYZ][A-Z][A-Z]
|> |Come to think of it, N0ZZZ would be a nice VHF call. HF, on the other
hand, ...
|>
|> Why?
|>
|> /J

'Cuz then you wouldn't be stuck with a Group D callsign!!!

-drt

```
--
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```

|David R. Tucker KG2S drt@athena.mit.edu|

|'Most political sermons teach the congregation nothing except |
what newspapers are taken at the Rectory.' -C.S. Lewis

End of Info-Hams Digest V93 #993
